Amendments to the Specification:

Please amend the title as follows:

"CULTURED *XENOPUS LAEVIS* CELL ~~LINE~~ LINES EXPRESSING ~~MUTATED APC~~ MUTANT *ADENOMATOUS POLYPOSIS COLI* GENE"

Please amend the paragraph on page 1, lines 7 through 8, beginning, "The present invention relates to mutant APC proteins that can..." as follows:

--The present invention relates to mutant ~~APC~~ adenomatous polyposis coli (APC) proteins that can induce piling up of cells, and to cells expressing these proteins.--

Please amend the paragraph on page 26, lines 10 through 34, beginning, "Next, cell spreading assays were performed to examine the..." as follows:

--Next, cell spreading assays were performed to examine the effects of full-length APC and mutant APCs on cell motility. Each of the cell lines was treated with trypsin, collected from dish, and plated onto cover glasses. The cover glasses were taken out for fixation 15, 30, 60, and 120 minutes later, and actin was stained with rhodamine-phalloidin to visualize cell shape. Each sample was photographed under a fluorescence microscope, area of the region of cells stained with rhodamine-phalloidin was measured, and the average area for each cell was determined and plotted (Fig. 7). As a result, cell spreading was significantly enhanced only in cells expressing ~~fAPC-GFP~~ GFP-fAPC. Next, to examine whether cell spreading activity is due to the stabilization of microtubules, a similar assay was performed under conditions in which the microtubules were depolymerized by nocodazole addition. As expected, significantly enhanced cell spreading was only observed in GFP-fAPC-expressing cells. These results showed that in addition to stabilizing microtubules, APC has cell spreading activity, and that the PDZ-binding function at the C-terminus is important for this

activity. As indicated by the APC localization shown in Example 6, since APC localizes to the basolateral membrane by binding to PDZ proteins such as DLG via its C-terminal PDZ-binding motif, localization to the cell membrane via PDZ proteins is considered necessary for normal APC function. Mutant APCs do not have the function of binding to cell membrane and cannot express normal functions. Moreover, they are considered to exhibit dominant negative effects.--

Please cancel the present "SEQUENCE LISTING", pages 1/26 through 26/26 and insert therefor the accompanying paper copy of the Substitute Sequence Listing, pages 1 through 8, at the end of the application.